

DEVELOPMENTAL PSYCHOBIOLOGY

Volume 24, 1991

Volume 24, Number 1 January 1991

CONTENTS

- 1 **Developmental Constraints on the Expression of Behavioral and Heart-Rate Orienting Responses: I. The Role of Cardiosomatic Coupling**
H. Hayne, R. Richardson, and B. Campbell
- 19 **Weaning in the Norway Rat: Relation Between Suckling and Milk, and Suckling and Independent Ingestion**
E. Thiels and J. R. Alberts
- 39 **Multiple Contexts and Memory Retrieval at Three Months**
C. Rovee-Collier and D. DuFault
- 51 **The Effects of Rate and Forward Masking on Human Adult and Newborn Auditory Evoked Brainstem Response Thresholds**
R. E. Lasky
- 65 **Infant Rats Depleted of Brain Dopamine as Neonates Exhibit Normal Independent Ingestion**
B. M. Potter and J. P. Bruno

DEVELOPMENTAL PSYCHOBIOLOGY

Volume 24, Number 2 March 1991

CONTENTS

- 81 **Nonrandom Sex Composition of Gerbil, Mouse, and Hamster Litters Before and After Birth**
M. M. Clark, B. G. Galef, Jr., and F. S. vom Saal
- 91 **The Properties of \dot{V} in Newborns Across Repeated Measures**
R. E. Arendt, L. F. Halpern, W. E. MacLean, Jr., and G. A. Youngquist
- 103 **Ontogeny of Sexually Dimorphic Ultrasonic Vocalizations in Mongolian Gerbils**
S. D. Holman and W. T. C. Seale
- 117 **Proximity Measures of Social Play in the Laboratory Rat**
G. Hole
- 135 **Preferred Tastes and Opioid-Modulated Behaviors in Neonatal Rats**
P. Kehoe and S. Sakurai
- 149 **Notice**

DEVELOPMENTAL PSYCHOBIOLOGY

Volume 24, Number 3 April 1991

CONTENTS

- 151 Individual Olfactory Signatures as Major Determinants of Early Maternal Discrimination in Sheep**
R. H. Porter, F. Lévy, P. Poindron, M. Litterio, B. Schaal, and C. Beyer
- 159 Time-Dependent Effects of Peer Separation on Lymphocyte Proliferation Responses in Juvenile Squirrel Monkeys**
E. M. Friedman, C. L. Coe, and W. B. Ershler
- 175 Associative Processes in Differentially Reared Rhesus Monkeys (*Macaca mulatta*): Blocking**
A. J. Beauchamp, J. P. Gluck, H. E. Fouty, and M. H. Lewis
- 191 Multiple Functions of Context During Conditioning: A Developmental Analysis**
M. B. Carew and J. W. Rudy
- 211 Ontogeny of Preference and Aversion to Salt in Fischer 344 Rats and Syrian Hamsters**
Neil E. Rowland

DEVELOPMENTAL PSYCHOBIOLOGY

Volume 24, Number 4 May 1991

CONTENTS

- 219 Announcement**
J. W. Rudy and M. E. Stanton
- 220 Developmental Psychobiology: Statement of Scope**
J. W. Rudy and M. E. Stanton
- 221 Elemental and Configural Associations, The Hippocampus and Development**
J. W. Rudy
- 237 A Descriptive Analysis of the Postnatal Development of Contact-Righting in Rats (*Rattus norvegicus*)**
V. C. Pellis, S. M. Pellis and P. Teitelbaum
- 265 Cross-Modal Associative Transfer of Response Sensitization in Infants**
P. S. Kaplan and K. B. Fox
- 277 Restriction of Early Exploratory Forays Effects Specific Aspects of Spatial Processing in Weanling Hamsters**
W. T. Tomlinson
- 299 Nociceptive Responses of 3-Day-Old Rat Pups to IP Injection of Lithium Carbonate**
C. R. McLaughlin and C. P. Cramer
- 306 Notice**

DEVELOPMENTAL PSYCHOBIOLOGY

Volume 24, Number 5 July 1991

CONTENTS

- 307 Age-Related Differences in Sensory Conditioning in Rats**
W.-J. Chen, N. A. Lariviere, C. J. Heyser, L. P. Spear and N. E. Spear
- 327 A Refractory Period for the Heart Rate Response in Infant Visual Attention**
B. J. Casey and J. E. Richards
- 341 Development of Stress-Induced Responses in Preweanling Rats**
L. K. Takahashi, J. G. Turner and N. H. Kalin
- 361 Prenatal Stress Effects on Exploratory Activity and Stress-Induced Analgesia in Rats**
T. Szuran, E. Zimmerman, V. Pliska, H. P. Pfister and H. Welzl

DEVELOPMENTAL PSYCHOBIOLOGY

Volume 24, Number 6 September 1991

CONTENTS

- 375 Behavioral Development and Maternal Care in Tufted Capuchins (*Cebus apella*) and Squirrel Monkeys (*Saimiri sciureus*) from Birth through Seven Months**
D. Fragaszy, J. Baer and L. Adams-Curtis
- 395 The Effects of Intrauterine Position on the Degree of Corpus Callosum Deficiency in Two Substrains of BALB/c Mice**
B. Bulman-Fleming and D. Wahlsten
- 413 Rhythmic Organization of Neonatal Heart Rate and its Relation to Atypical Fetal Growth**
P. S. Zeskind, D. M. Goff and T. R. Marshall
- 431 Acute Prenatal Experience with Alcohol in the Amniotic Fluid: Interactions with Aversive and Appetitive Alcohol Orosensory Learning in the Rat Pup**
M. G. Chotro, N. E. Córdoba and J. C. Molina

DEVELOPMENTAL PSYCHOBIOLOGY

Volume 24, Number 7 November 1991

CONTENTS

- 453 The Early Presence of Food-Oriented Appetitive Behavior in Developing Rats**
C. B. Phifer, A. Denzinger, and W. G. Hall

- 463 The Amniotic Sac as Scaffolding: Prenatal Ontogeny of an Action Pattern**
S. R. Robinson and W. P. Smotherman
- 487 Cortisol and Behavioral Responses to Repeated Stressors in the Human Newborn**
M. R. Gunnar, L. Hertzgaard, M. Larson, and J. Rigatuso
- 507 Genetic and Maternal Influences in Rat Models of Spontaneous and Salt-Induced Hypertension**
N. Adams and D. A. Blizard
- 521 The Development of Exploration and Spontaneous Alternation in Hooded Rat Pups: Effects of Unusually Early Eyelid Opening**
N. Foreman and M. Althah

DEVELOPMENTAL PSYCHOBIOLOGY

Volume 24, Number 8 December 1991

CONTENTS

- 539 Unconfounded Evidence of Sex-Biased, Postnatal Maternal Effort by Mongolian Gerbil Dams**
M. M. Clark and B. G. Galef, Jr.
- 547 Time Course of the Effect of Maternal Deprivation on the Hypothalamic-Pituitary-Adrenal Axis in the Infant Rat**
S. Levine, D. M. Huchton, S. G. Wiener, and P. Rosenfeld
- 559 Sex Steroids at Birth: Genetic and Environmental Variation and Covariation**
L. M. Sakai, L. A. Baker, C. N. Jacklin, and I. Shulman
- 571 Anxiety in Rhesus Monkey Infants in Relation to Interactions with Their Mother and Other Social Companions**
D. Maestripieri, F. L. Martel, C. M. Nevison, M. J. A. Simpson, and E. B. Keverne
- 585 Subject Index**
- 589 Contents for Volume 24**
- 593 Author Index**

